## (19) World Intellectual Property Organization International Bureau





(43) International Publication Date 8 January 2004 (08.01.2004)

PCT

(10) International Publication Number WO 2004/003687 A2

(51) International Patent Classification7:

G06F

(21) International Application Number:

PCT/US2003/020085

(22) International Filing Date:

27 June 2003 (27.06.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/391.669

27 June 2002 (27.06.2002)

(71) Applicants and

(72) Inventors: BERGER, Robert, E. [US/US]; 16672 Pacific Coast Highway, Suite A, Huntington Beach, CA 92649 (US). CLARK, Richard, L. [US/US]; 1543 North View. Westlake Village, CA 91362 (US).

(74) Agents: MARTINEZ, Raul, D. et al.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Blvd., 7th Floor, Los Angeles, CA 90025-1026 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TRAFFIC DATA ACQUISITION SYSTEM AND METHOD

(57) Abstract: A device, system, and method for providing real-time traffic information to a user is disclosed. In various embodiments, a wireless transmitter sends traffic information to a portable device that can receive and display the traffic information on a map of the display. Various roadway condition indicators may be used to convey the type and severity of roadway conditions.